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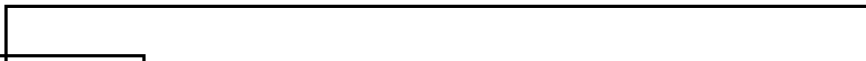
Subject: Stereoscopic Point Transfer Device



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greatly appreciates the request to quote on the subject Stereoscopic Film Viewing and Marking System. Upon careful consideration of all specifications (given in your document dated 5 February 1963) we have decided not to submit a quotation on the system. The reason for declining to bid is largely that we feel we could not meet the requirements stated for the optical system. We find that the stringent resolution requirements and range of magnification can not be met by currently available lenses, even of special design.

As you know



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does not design and manufacture projection and eyepiece lenses. Normally, we purchase commercially available high-quality lenses from optics suppliers, or specify optical characteristics for designers. Although most components of our precision measuring systems are manufactured entirely within the company, these optical components must be purchased, since we have no facilities for producing other than condenser lenses. The stated requirements for illumination, film handling, and point marking are, we believe, not difficult to satisfy.

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I regret that we can not make use of this excellent opportunity to propose on such an interesting and challenging system. However, as you see, it is in a somewhat different area of concentration, and it is

Declass Review by NIMA / DoD

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1 April 1963

likely that companies who specialize in optical design would have more to contribute. I hope you will be kind enough to consider us for future projects involving film data reduction and measurement equipment.

Very truly yours,



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DBA/kmp

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## TELEPHONE OR VERBAL CONVERSATION RECORD

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## Subject of Conversation

Point Transfer Device, High Precision Viewer

## Date

26 Feb 1964

## Information or Action Sought

1. Vacuum hold-down system - microwave plate.  
a. Samples furnished [redacted]  
show a polished groove which is very smooth - superior  
to the [redacted] for minimizing visibility.  
Width .010" Depth .001"  $\pm .0005$ "
2. Will send down samples for evaluation,

## Information Given or Action Taken

Air Mail Special.

3. We will evaluate and telephone response  
[redacted] ASAP.

1. Joystick - one in middle, or two, separated  
on 1/4"; both w/i the workspace - informed  
[redacted] that prefer work area clear [redacted]
2. Control Console - control layout; explained that  
base-numbering switches could go in center near index  
position counters - coaxial illumination controls as  
desired, controls should be oriented on median line  
of console, seldom used switches excepted

## Date

26 Feb 64

## Time

1100-1130

OVER

3, Eyebrow. Recommend no rotation of eyebrow  
as a whole. Arranged for [redacted] optical  
Trains to be given [redacted] on 27 Feb at  
USNPIC,

4. Digitizing system. Advised that this  
may go to the on-line system thus requiring  
[redacted] encoders - obtained following size  
limits for no machining on casting,  
max dia 2.75", max length 3.5"  
2500 pulses/inch are needed

would fit w 625 pulses

also appears satisfactory